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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/202,107	03/08/1999	EIJI MURAMATSU	9319S-000082	2484

7590 11/19/2002
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EXAMINER

NGUYEN, DUNG T

ART UNIT PAPER NUMBER

2871

DATE MAILED: 11/19/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.
09/202,107

Applicant(s)
Muramatsu

Examiner
Dung Nguyen

Art Unit
2871



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Sep 6, 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 3-5, 13, 15-21, 23-27, 30, and 31 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 3-5, 13, 15-21, 23-27, 30, and 31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 15 6) ☐ Other: _____

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Response to Amendment

Applicant's amendment dated 09/06/2002 has been received and entered.

Drawings

1. The drawings are objected to under 37 CFR 1.83(a) as stated in the previous office action.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

It should be noted that Applicants state that a corresponding request for proposed drawing changes has been filed; however, such proposed is not in the application. Therefore, Applicants is requested to re-submit the proposed drawing changes to avoid abandonment of the application.

In addition, regarding claims 27 and 30, the limitation of "a capacitor located between the first and second substrates" must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Claim Rejections - 35 USC § 102

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

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3. Claims 1, 2, 5-7, 13, 14, 17-18, 20-23, 26-27 and 30-31 stand rejected under 35 U.S.C. 102(b) as being anticipated by Brewer, US Patent No. 5,289,301, as stated in the previous office action.

Regarding claims 1, 5, 13, 21 and 31, Applicants contend that Brewer does not teach or suggest a liquid crystal display (LCD) device having an integrated circuit (IC) or the resistor being mounted to the substrates 2, 3 and having an integrated means for adjust the voltage imposed on the liquid crystal (amendment, page 8). The Examiner is not convinced by this argument since the same is true of the Brewer's LCD device. In particular, Brewer, as stated in the previous office action, discloses in figures 1-3 that a driving IC (10) and potentiometers (19/22) are formed on a rear side of the LCD device (e.g., rear substrate 3) to adjust the voltage imposed on the liquid crystal (see col. 6, line 26).

Regarding claims 27 and 30, Applicants contend that Brewer does not teach or suggest a capacitor electrically connected to the IC (amendment, page 10). The Examiner respectfully disagrees with the applicant's viewpoint. As shown in figure 8, the IC (10) comprising a plurality of IC (e.g, U1-U5) mounted on one of the LCD substrate for imposing the drive voltage on the LCD deice having capacitors (e.g., C1-C6) therebetween.

Therefore, the limitation of the above claims met.

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Claim Rejections - 35 USC § 103

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

5. Claims 3-4, 15-16 and 25 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Brewer, US Patent No. 5,289,301 as stated in the previous office action.

6. Claims 8-9, 19 and 24 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Brewer, US Patent No. 5,289,301, in view of Nonomura et al., US Patent No. 4,385,292 , as stated in the final office action.

Those above claims depend, either directly or indirectly, from claims 1, 5, 13, 21, 27, 30 and 31, respectively. Therefore, those claims would have been obvious.

Accordingly, the rejection of those claims stand.

Conclusion

7. Applicant's arguments filed 09/06/2002 have been fully considered but they are not persuasive as stated above.

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO**


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MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Dung Nguyen whose telephone number is (703) 305-0423. The fax phone number for this Group is (703) 308-7722.

Any information of a general nature or relating to the status of this application should be directed to the group receptionist whose telephone number is (703) 308-0956.

DN
11/12/2002


ROBERT H. KIM
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2871